

Claims

- [c1] 1. A method for manufacturing a hollow blade for utilization in a stator component or rotor component, said method comprising:
positioning at least one support element between two opposite blade walls of a hollow blade and joining the support element together with at least one of the two opposite blade walls utilizing laser-welding from the outside of the blade to be joined to the support element so that the joined-together portions of the support element and the joined blade wall form a substantially T-shaped joint.
- [c2] 2. The method as recited in claim 1, wherein said support element is arranged to extend essentially at right angles to a mean camber line of the blade.
- [c3] 3. The method as recited in claim 1, wherein said support element is plate-shaped.
- [c4] 4. The method as recited in claim 3, wherein the edge of the plate-shaped support element is connected to the blade wall.

- [c5] 5. The method as recited in claim 1, wherein during manufacture of the hollow blade, the support element is first positioned inside the blade and then welded firmly to the wall.
- [c6] 6. The method as recited in claim 1, wherein in cross-section, an outer contour of the blade forms the shape of an airfoil.
- [c7] 7. The method as recited in claim 1, wherein the stator or rotor component is configured for incorporation into a gas turbine.
- [c8] 8. The method as recited in claim 1, wherein the stator or rotor component is configured for incorporation into a jet engine.
- [c9] 9. The method as recited in claim 1, wherein the stator or rotor component is configured to form at least part of an aircraft wing.